



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12641791
SAU: MSAD 72
School: Molly Ockett Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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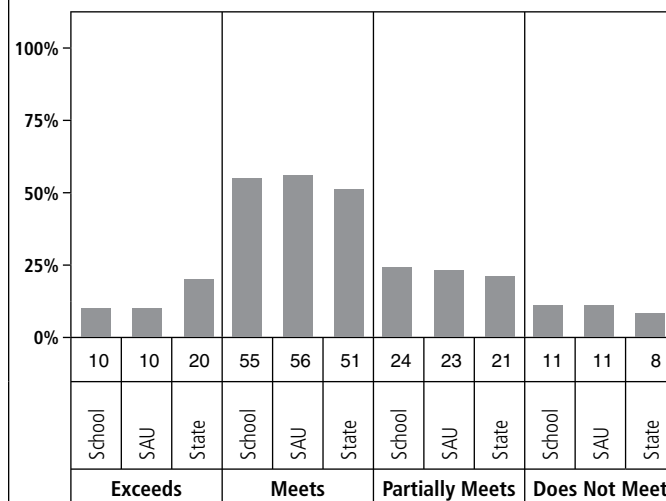
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 72
School: Molly Ockett Middle School

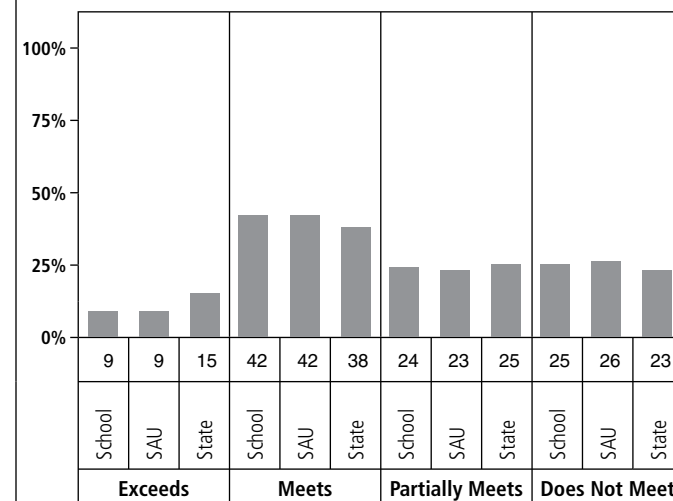
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	842	842	847
2007–2008	844	844	849
2008–2009	845	846	850
Cum. Avg.*	844	844	849
Mathematics			
2006–2007	836	836	842
2007–2008	836	836	841
2008–2009	841	841	843
Cum. Avg.*	838	838	842
Science			
2008–2009 **	848	848	846

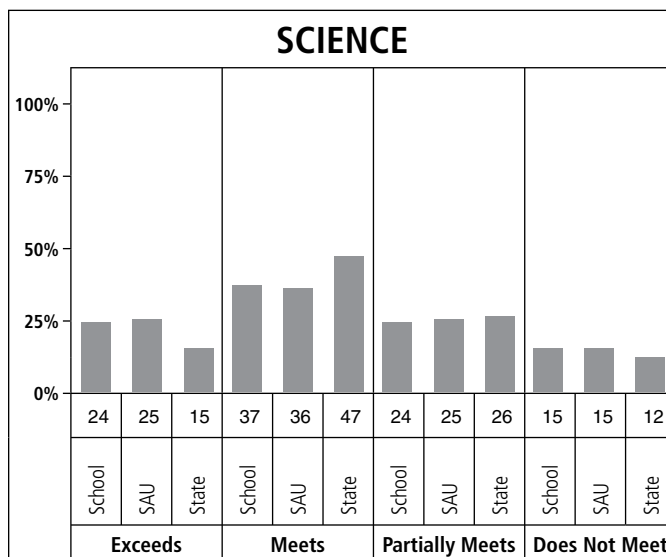
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
 Grade: 8
 SAU: MSAD 72
 School: Molly Ockett Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
							School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	124	100	123	100	14804	100	123	99	122	99	14659	99	123	99	122	99	14653	99	123	99	122	99	14626	99
Ethnicity African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	2	2	2	2	238	2	2	100	2	100	232	97	2	100	2	100	234	98	2	100	2	100	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	122	98	121	98	13878	94	121	99	120	99	13756	99	121	99	120	99	13742	99	121	99	120	99	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	12	10	12	10	2489	17	11	92	11	92	2434	99	11	92	11	92	2424	98	11	92	11	92	2418	98
Current LEP	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
Economically disadvantaged	48	39	48	39	5460	37	47	98	47	98	5380	99	47	98	47	98	5377	99	47	98	47	98	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	113	91	112	91	12132	82	113	91	112	91	12124	82	113	91	112	91	12169	82
Identified disability (PET/IEP)	1	1	1	1	379	3	1	1	1	1	380	3	1	1	1	1	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	3	3	3	3	200	2	3	3	3	3	200	2	3	3	3	3	202	2
Participation with accommodations	10	8	10	8	2349	16	9	7	9	7	2347	16	10	8	10	8	2288	15
Identified disability (PET/IEP)	10	100	10	100	1877	80	9	100	9	100	1862	79	10	100	10	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	1	1	1	1	182	1	0	0	0	0	169	1
Identified disability (PET/IEP)	0	0	0	0	178	100	1	100	1	100	182	100	0	0	0	0	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
Non-participation – other	1	1	1	1	113	1	1	1	1	1	117	1	1	1	1	1	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 72
School: Molly Ockett Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	9	9	9	9	2407	16
	2007-2008	12	10	12	10	3428	23
	2008-2009	12	10	12	10	2857	20
	Cum. Total*	33	9	33	9	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	44	42	44	42	7494	49
	2007-2008	66	53	66	53	7179	48
	2008-2009	68	55	68	56	7431	51
	Cum. Total*	178	50	178	51	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	35	33	35	33	3628	24
	2007-2008	28	22	28	22	2706	18
	2008-2009	29	24	28	23	2979	21
	Cum. Total*	92	26	91	26	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	17	16	17	16	1810	12
	2007-2008	19	15	19	15	1611	11
	2008-2009	14	11	14	11	1214	8
	Cum. Total*	50	14	50	14	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.7	58.4	32.8	58.6	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.3	56.5	11.3	56.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.5	59.7	21.5	59.7	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 72
 School: Molly Ockett Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	123	12	10	68	55	29	24	14	11	845	122	10	56	23	11	846	14481	20	51	21	8	850
Ethnicity																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	2										2						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	121	12	10	68	56	29	24	12	10	846	120	10	57	23	10	846	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	3	27	2	18	6	55	826	11	0	27	18	55	826	2256	2	25	40	34	834
No	112	12	11	65	58	27	24	8	7	847	111	11	59	23	7	847	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	123	12	10	68	55	29	24	14	11	845	122	10	56	23	11	846	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	47	1	2	24	51	16	34	6	13	842	47	2	51	34	13	842	5277	10	46	29	15	844
No	76	11	14	44	58	13	17	8	11	848	75	15	59	16	11	848	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	123	12	10	68	55	29	24	14	11	845	122	10	56	23	11	846	14476	20	51	21	8	850
Gender																						
Female	63	8	13	42	67	12	19	1	2	851	63	13	67	19	2	851	7074	25	51	18	6	852
Male	60	4	7	26	43	17	28	13	22	840	59	7	44	27	22	840	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	123	12	10	68	55	29	24	14	11	845	122	10	56	23	11	846	13624	20	52	20	8	850
Gifted/talented program																						
Yes	13	5	38	8	62	0	0	0	0	860	13	38	62	0	0	860	700	69	30	1	0	867
No	110	7	6	60	55	29	26	14	13	844	109	6	55	26	13	844	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: MSAD 72

School: Molly Ockett Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	1	25	0	0	3	75	825	3	0	25	0	75	825	8	8	39	29	24	841
B. less than one hour	40	2	4	24	50	14	29	8	17	841	41	4	50	29	17	841	51	17	53	22	8	849
C. one to two hours	52	9	15	39	63	12	19	2	3	850	52	15	64	18	3	851	36	24	52	18	5	852
D. more than two hours	4	1	20	2	40	1	20	1	20	847	4	20	40	20	20	847	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	16	6	32	10	53	1	5	2	11	853	16	32	53	5	11	853	31	35	50	11	4	856
B. good	53	6	10	36	58	15	24	5	8	847	52	10	59	23	8	847	47	16	55	21	7	849
C. fair	30	0	0	17	49	11	31	7	20	839	30	0	49	31	20	839	18	5	47	33	15	842
D. poor	2	0	0	2	100	0	0	0	0	851	2	0	100	0	0	851	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	25	4	14	15	52	7	24	3	10	845	24	14	54	21	11	846	32	27	54	14	5	853
B. They match some of what I have learned.	61	8	11	42	59	14	20	7	10	847	61	11	59	20	10	847	52	18	53	22	8	850
C. They match just a little of what I have learned.	12	0	0	6	43	5	36	3	21	842	12	0	43	36	21	842	12	11	45	29	15	844
D. There is no match.	3	0	0	1	33	1	33	1	33	833	3	0	33	33	33	833	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	16	3	17	7	39	4	22	4	22	845	16	17	39	22	22	845	15	13	42	28	17	844
B. about the same as my regular schoolwork	63	7	10	38	54	19	27	7	10	845	63	10	54	26	10	845	64	19	53	20	7	850
C. easier than my regular schoolwork	21	2	8	16	67	3	13	3	13	847	21	8	67	13	13	847	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	7	2	25	2	25	4	50	0	0	846	7	25	25	50	0	846	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	51	3	5	29	50	15	26	11	19	842	50	5	51	25	19	842	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	42	7	15	31	65	7	15	3	6	850	42	15	65	15	6	850	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	18	1	5	10	48	6	29	4	19	841	19	5	48	29	19	841	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	72	10	12	47	57	17	21	8	10	848	72	12	58	20	10	848	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	10	1	9	5	45	3	27	2	18	841	10	9	45	27	18	841	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	17	5	25	11	55	1	5	3	15	849	17	25	55	5	15	849	19	26	53	15	6	853
B. 20 minutes to an hour	40	2	4	28	60	13	28	4	9	845	40	4	60	28	9	845	40	25	52	17	6	852
C. less than 20 minutes	24	4	14	13	46	8	29	3	11	846	24	14	46	29	11	846	15	18	51	21	10	849
D. I rarely read at home.	19	1	4	13	57	5	22	4	17	843	19	5	59	18	18	843	26	7	50	30	13	844
How do you feel about the following statement?																						
“My knowledge of reading will be useful to me as an adult.”																						
A. strongly agree	37	7	16	27	61	5	11	5	11	849	36	16	63	9	12	849	42	27	51	15	6	853
B. agree	54	5	8	34	53	18	28	7	11	844	54	8	53	28	11	844	50	15	53	23	9	848
C. disagree	8	0	0	3	33	4	44	2	22	836	8	0	33	44	22	836	7	8	46	32	14	843
D. strongly disagree	2	0	0	2	100	0	0	0	0	850	2	0	100	0	0	850	2	6	39	35	21	840
Optional school/SAU question																						
A.	63	0	0	1	20	1	20	3	60	828	63	0	20	20	60	828						
B.	25	0	0	2	100	0	0	0	0	846	25	0	100	0	0	846						
C.	13	0	0	0	0	1	100	0	0	832	13	0	0	100	0	832						
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 72
School: Molly Ockett Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	10	10	10	10	1952	13
	2007-2008	9	7	9	7	1657	11
	2008-2009	11	9	11	9	2116	15
	Cum. Total*	30	9	30	9	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	32	30	32	30	5870	38
	2007-2008	41	33	41	33	5956	40
	2008-2009	51	42	51	42	5443	38
	Cum. Total*	124	35	124	35	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	26	25	26	25	3982	26
	2007-2008	37	30	37	30	3729	25
	2008-2009	29	24	28	23	3556	25
	Cum. Total*	92	26	91	26	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	37	35	37	35	3534	23
	2007-2008	38	30	38	30	3579	24
	2008-2009	31	25	31	26	3356	23
	Cum. Total*	106	30	106	30	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	27.4	48.9	27.4	48.9	28.6	51.1
A. Number	8	14	3.5	43.8	3.5	43.8	3.7	46.3
B. Data	16	29	8.3	51.9	8.3	51.9	8.9	55.6
C. Geometry	12	21	4.8	40.0	4.8	40.0	5.0	41.7
D. Algebra	20	36	10.8	54.0	10.8	54.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 72
 School: Molly Ockett Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	122	11	9	51	42	29	24	31	25	841	121	9	42	23	26	841	14471	15	38	25	23	843
Ethnicity																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	2										2						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	120	11	9	51	43	28	23	30	25	841	119	9	43	23	25	841	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	0	0	2	20	8	80	819	10	0	0	20	80	819	2242	2	12	22	63	824
No	112	11	10	51	46	27	24	23	21	843	111	10	46	23	21	843	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	122	11	9	51	42	29	24	31	25	841	121	9	42	23	26	841	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	46	0	0	16	35	16	35	14	30	836	46	0	35	35	30	836	5270	6	30	28	36	835
No	76	11	14	35	46	13	17	17	22	843	75	15	47	16	23	843	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	122	11	9	51	42	29	24	31	25	841	121	9	42	23	26	841	14466	15	38	25	23	843
Gender																						
Female	63	7	11	32	51	13	21	11	17	845	63	11	51	21	17	845	7070	15	39	25	22	843
Male	59	4	7	19	32	16	27	20	34	836	58	7	33	26	34	836	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	122	11	9	51	42	29	24	31	25	841	121	9	42	23	26	841	13614	15	38	24	22	843
Gifted/talented program																						
Yes	13	6	46	6	46	1	8	0	0	859	13	46	46	8	0	859	700	68	27	3	1	866
No	109	5	5	45	41	28	26	31	28	838	108	5	42	25	29	838	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 72
School: Molly Ockett Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	1	25	0	0	3	75	823	3	0	25	0	75	823	8	8	24	24	44	833
B. less than one hour	41	4	8	17	35	16	33	11	23	838	41	8	35	33	23	838	51	12	38	26	23	842
C. one to two hours	52	7	11	29	48	11	18	14	23	844	51	12	48	17	23	844	36	19	40	23	19	845
D. more than two hours	4	0	0	3	60	1	20	1	20	843	4	0	60	20	20	843	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	39	9	20	23	51	7	16	6	13	847	38	20	52	14	14	848	28	33	41	15	11	852
B. good	43	2	4	20	40	13	26	15	30	838	43	4	40	26	30	838	45	11	43	25	21	842
C. fair	16	0	0	6	32	6	32	7	37	833	17	0	32	32	37	833	21	3	27	35	35	834
D. poor	2	0	0	0	0	1	50	1	50	831	2	0	0	50	50	831	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	35	5	12	19	46	11	27	6	15	843	35	12	46	27	15	843	28	23	41	21	15	848
B. They match some of what I have learned.	53	3	5	26	42	16	26	17	27	839	53	5	42	26	27	839	52	13	40	25	21	843
C. They match just a little of what I have learned.	9	2	20	4	40	1	10	3	30	845	8	22	44	0	33	846	16	8	28	30	34	836
D. There is no match.	3	1	25	0	0	0	0	3	75	827	3	25	0	0	75	827	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	19	1	5	4	18	8	36	9	41	833	19	5	19	33	43	833	32	6	34	29	32	837
B. about the same as my regular schoolwork	49	3	5	25	45	16	29	12	21	839	50	5	45	29	21	839	52	13	41	25	20	843
C. easier than my regular schoolwork	32	7	19	20	56	3	8	6	17	849	32	19	56	8	17	849	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	16	1	6	9	50	4	22	4	22	844	15	6	53	18	24	844	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	78	10	11	38	42	21	23	22	24	840	79	11	42	23	24	840	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	6	0	0	2	29	2	29	3	43	835	6	0	29	29	43	835	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	28	7	21	16	48	7	21	3	9	849	28	21	48	21	9	849	34	18	40	22	20	845
B. two or three days a week	45	3	6	23	43	15	28	12	23	839	45	6	44	27	23	839	35	14	38	26	21	843
C. two or three times each month	22	1	4	9	35	6	23	10	38	837	22	4	35	23	38	837	18	12	37	27	24	841
D. never or almost never	4	0	0	1	20	0	0	4	80	821	4	0	20	0	80	821	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	3	0	0	0	0	2	50	2	50	830	3	0	0	50	50	830	9	13	38	23	26	841
B. two or three days a week	3	0	0	0	0	2	67	1	33	830	3	0	0	67	33	830	17	11	37	26	26	841
C. two or three times each month	12	2	14	3	21	4	29	5	36	836	11	15	23	23	38	836	28	15	40	25	20	844
D. never or almost never	82	9	9	46	48	20	21	21	22	842	83	9	48	21	22	842	46	16	36	24	23	843
How do you feel about the following statement?																						
“My knowledge of mathematics will be useful to me as an adult.”																						
A. strongly agree	52	6	10	30	49	11	18	14	23	843	52	10	50	17	23	843	52	19	41	22	18	846
B. agree	38	5	11	15	34	13	30	11	25	839	38	11	34	30	25	839	39	11	35	27	27	840
C. disagree	7	0	0	3	38	1	13	4	50	828	7	0	38	13	50	828	6	7	28	26	39	835
D. strongly disagree	3	0	0	1	25	3	75	0	0	842	3	0	25	75	0	842	3	4	25	28	43	832
Optional school/SAU question																						
A.	63	0	0	0	0	1	20	4	80	821	63	0	0	20	80	821						
B.	25	0	0	1	50	1	50	0	0	842	25	0	50	50	0	842						
C.	13	0	0	0	0	0	0	1	100	828	13	0	0	0	100	828						
D.	0										0											

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 72
School: Molly Ockett Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	30	24	30	25	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	45	37	44	36	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	30	24	30	25	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	18	15	18	15	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	32.9	58.8	32.9	58.8	32.0	57.1
D. The Physical Setting	31	55	17.0	54.8	16.9	54.5	17.1	55.2
D1/D2 Earth/Space	17	30	9.3	54.7	9.3	54.7	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	7.7	55.0	7.7	55.0	7.7	55.0
E. The Living Environment	25	45	16.0	64.0	16.0	64.0	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 72
School: Molly Ockett Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	123	30	24	45	37	30	24	18	15	848	122	25	36	25	15	848	14263	15	47	26	12	846
Ethnicity																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	2										2						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	121	30	25	45	37	30	25	16	13	848	120	25	37	25	13	848	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	3	27	3	27	5	45	834	11	0	27	27	45	834	2221	3	22	36	38	832
No	112	30	27	42	38	27	24	13	12	849	111	27	37	24	12	849	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	123	30	24	45	37	30	24	18	15	848	122	25	36	25	15	848	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	47	2	4	18	38	19	40	8	17	840	47	4	38	40	17	840	5184	6	40	33	21	840
No	76	28	37	27	36	11	14	10	13	852	75	37	35	15	13	852	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	123	30	24	45	37	30	24	18	15	848	122	25	36	25	15	848	14258	15	47	26	12	846
Gender																						
Female	63	16	25	24	38	18	29	5	8	850	63	25	38	29	8	850	6953	14	47	28	11	846
Male	60	14	23	21	35	12	20	13	22	845	59	24	34	20	22	845	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	123	30	24	45	37	30	24	18	15	848	122	25	36	25	15	848	13435	16	48	25	12	846
Gifted/talented program																						
Yes	13	8	62	5	38	0	0	0	0	867	13	62	38	0	0	867	699	65	34	2	0	865
No	110	22	20	40	36	30	27	18	16	845	109	20	36	28	17	845	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 72
School: Molly Ockett Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	1	25	0	0	2	50	1	25	839	3	25	0	50	25	839	8	8	34	28	30	837
B. less than one hour	40	7	15	20	42	13	27	8	17	844	41	15	42	27	17	844	51	14	48	27	11	846
C. one to two hours	52	20	32	22	35	13	21	7	11	851	52	33	34	21	11	851	36	19	48	24	9	848
D. more than two hours	4	1	20	3	60	0	0	1	20	848	4	20	60	0	20	848	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	26	12	39	13	42	1	3	5	16	853	25	40	40	3	17	853	23	27	47	17	8	851
B. good	48	14	25	22	39	15	26	6	11	849	48	25	39	26	11	849	53	15	50	26	10	847
C. fair	25	3	10	9	30	12	40	6	20	841	25	10	30	40	20	841	20	4	43	35	18	840
D. poor	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	16	4	21	8	42	3	16	4	21	846	16	21	42	16	21	846	26	20	49	23	9	849
B. They match some of what I have learned.	57	18	27	23	34	18	27	8	12	848	56	27	33	27	12	848	51	14	48	26	11	846
C. They match just a little of what I have learned.	22	6	23	12	46	6	23	2	8	851	22	23	46	23	8	851	18	13	44	28	15	844
D. There is no match.	5	1	17	2	33	1	17	2	33	841	5	17	33	17	33	841	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	38	11	24	23	51	9	20	2	4	852	37	25	50	20	5	852	32	13	45	28	14	844
B. about the same as my regular schoolwork	50	14	24	19	32	17	29	9	15	846	50	24	32	29	15	846	56	15	49	25	11	847
C. easier than my regular schoolwork	13	4	27	3	20	2	13	6	40	840	13	27	20	13	40	840	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	25	9	30	10	33	7	23	4	13	850	25	31	31	24	14	850	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	62	20	27	29	40	15	21	9	12	849	62	27	40	21	12	849	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	13	0	0	6	40	6	40	3	20	839	13	0	40	40	20	839	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	21	4	17	11	46	5	21	4	17	845	21	17	46	21	17	845	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	19	6	27	8	36	2	9	6	27	847	19	27	36	9	27	847	23	17	49	22	12	847
C. the course(s) described in B, plus physics	28	14	44	10	31	6	19	2	6	856	28	44	31	19	6	856	21	31	44	17	7	852
D. a life science and physical science class	32	5	14	15	41	14	38	3	8	845	32	14	39	39	8	845	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	24	6	21	12	43	3	11	7	25	845	23	22	41	11	26	845	27	23	47	20	10	849
B. agree	34	7	17	15	37	14	34	5	12	846	35	17	37	34	12	846	37	14	47	27	12	846
C. disagree	27	14	44	10	31	6	19	2	6	855	27	44	31	19	6	855	25	11	48	29	12	845
D. strongly disagree	15	2	11	8	44	5	28	3	17	843	15	11	44	28	17	843	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	18	8	38	7	33	2	10	4	19	853	18	38	33	10	19	853	31	22	46	22	10	849
B. agree	53	14	23	21	34	19	31	8	13	847	52	23	33	31	13	847	50	14	49	26	11	846
C. disagree	20	5	21	10	42	5	21	4	17	847	21	21	42	21	17	847	14	9	45	31	15	843
D. strongly disagree	9	2	18	7	64	1	9	1	9	849	9	18	64	9	9	849	5	3	38	34	25	837
Optional school/SAU question																						
A.	63	0	0	1	20	1	20	3	60	832	63	0	20	20	60	832						
B.	25	1	50	0	0	1	50	0	0	850	25	50	0	50	0	850						
C.	13	0	0	0	0	1	100	0	0	838	13	0	0	100	0	838						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number